EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9119	(((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:19
L2	6210	(((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3)).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:21

EAST Search History

| L3 | 342 | (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4)).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4)).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/01/01 12:22 |

| L4 | 0 | (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2)).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2)).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/01/01 12:26 |

L5	0	(((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4)).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:24

EAST Search History

L6	14	(((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:24
L7	9	l6 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:28

| L8 | 0 | (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4)).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) valu$5 transf$3 updat$3 command$3 random$3 encrypt$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/01/01 12:27 |

| L9 | 4 | (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4)).ab. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) valu$5 transf$3 updat$3 command$3 random$3 encrypt$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/01/01 12:28 |
| L10 | 1 | l9 @ad<"20020730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/01/01 12:32 |

| L11 | 1285 | (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) valu$5 transf$3 updat$3 command$3 random$3 encrypt$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/01/01 12:29 |

| L12 | 2 | (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3)).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) valu$5 transf$3 updat$3 command$3 random$3 encrypt$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/01/01 12:31 |

EAST Search History

L13	22	(((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1))).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Certifi$7 or Sign$4) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) valu$5 transf$3 updat$3 command$3 random$3 encrypt$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:31
L14	12	l13 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:32
L15	13	(US-20020095587-$ or US-20040025021-$).did. or (US-6810479-$ or US-6230267-$ or US-6779113-$ or US-6367011-$ or US-5721781-$ or US-5577121-$ or US-6018717-$ or US-5544246-$ or US-5539825-$ or US-5379344-$ or US-4650975-$).did.	US-PGPUB; USPAT	AND	ON	2007/01/01 12:32

L16	12	I15 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:33
L17	9	I14 not I16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:33
L18	13	(US-20020095587-$ or US-20040025021-$).did. or (US-6810479-$ or US-6230267-$ or US-6779113-$ or US-6367011-$ or US-5721781-$ or US-5577121-$ or US-6018717-$ or US-5544246-$ or US-5539825-$ or US-5379344-$ or US-4650975-$).did.	US-PGPUB; USPAT	AND	ON	2007/01/01 12:50
S1	5	AIKAWA-MAKOTO.in. TAKAMI-YUTAKA.in. FUKUSHIMA-SHINICHIRO.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 13:46
S2	428	713/172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 13:47
S3	0	S1 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 16:36
S4	1	10/602696	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 13:50
S5	853654	HITACHI$4.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 14:11

EAST Search History

S6	38440	((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 16:27
S7	2426	S5 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 14:15
S10	2054	S7 @ad<"20010730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 14:16
S11	0	S1 @ad<"20010730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 14:16

EAST Search History

| S12 | 58 | (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)).ti. (((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) key$1).ab.) (Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/29 16:34 |
| S13 | 33 | S12 @ad<"20020730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/29 17:28 |

| S14 | 171 | ("4214230" \| "4218582" \| "4259720" \| "4302810" \| "4305059" \| "4321672" \| "4341951" \| "4405829" \| "4408203" \| "4423287" \| "4442345" \| "4453074" \| "4467139" \| "4498000" \| "4536647" \| "4578530" \| "4605820" \| "4629872" \| "4630201" \| "4650978" \| "4669596" \| "4705211" \| "4709136" \| "4709137" \| "4727243" \| "4727244" \| "4731842" \| "4734568" \| "4736094" \| "4742215" \| "4745267" \| "4746788" \| "4748557" \| "4748668" \| "4752677" \| "4757185" \| "4757534" \| "4757543" \| "4759063" \| "4759064" \| "4767920" \| "4778983" \| "4785166" \| "4786790" \| "4797542" \| "4797920" \| "4798941" \| "4802218" \| "4803347" \| "4811393" \| "4816653" \| "4816654" \| "4825052" \| "4827512" \| "4831245" \| "4833595" \| "4839504" \| "4839792" \| "4849614" \| "4853522" \| "4853961" \| "4874935" \| "4877945" \| "4877947" \| "4879747" \| "4882474" \| "4887234" \| "4891503" \| "4891506" \| "4900904" \| "4901276" \| "4906828" \| "4907270" \| "4926480" \| "4935962" \| "4949257" \| "4961142" \| "4969188" \| "4977595" \| "4984270" \| "4985615" \| "4987593" \| "4993068" \| "4995081" \| "4996711" \| "5001753" \| "5003594" \| "5005200" \| "5010239" \| "5012074" \| "5012076" \| "5016274" \| "5038025" \| "5068894" \| "5081678" \| "5093862" \| "5097115" \| "5120939" \| "5128997" \| "5131038" \| "5142578" \| "5146499" \| "5148481" \| "5161231" \| "5162989" \| "5163098" \| "5164988" \| "5165043" \| "5166503" \| "5175416" \| "5180901" \| "5191193" \| "5191608" \| "5200999" \| "5201000" \| "5202922" \| "5214702" \| "5224162" \| "5243175" \| "5247578" \| "5293577" \| "5311595" \| "5371797" \| "5420405" \| "5436970").PN. OR ("5452431" \| "5473690" \| "5485520" \| "5511121" \| "5517011" \| "5530232" \| "5533123" \| "5534857" \| "5539825" \| "5542081" \| "5544246" \| "5546523" \| "5552897" \| "5553139" \| "5557516" \| "5574269" \| "5578808" \| "5581708" \| "5588146" \| "5633932" \| "5682027" \| "5692132" \| "5699528" | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/29 17:14 |

S15	12	(US-20020107798-$ or US-20020095587-$).did. or (US-6810479-$ or US-6792536-$ or US-6438550-$ or US-6385723-$ or US-6367011-$ or US-6230267-$ or US-6038551-$ or US-5721781-$ or US-4650975-$).did. or (US-6779113-$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/12/29 17:28
S16	165	S14 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 17:30
S17	32	((Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1))).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 18:51
S18	165	S16 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:24
S19	21	S17 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 18:54

EAST Search History

S20	18	(US-20020107798-$ or US-20020095587-$).did. or (US-6810479-$ or US-6792536-$ or US-6438550-$ or US-6385723-$ or US-6367011-$ or US-6230267-$ or US-6038551-$ or US-5721781-$ or US-4650975-$ or US-6792541-$ or US-6009173-$ or US-5544246-$ or US-5539825-$ or US-5201000-$ or US-5164988-$).did. or (US-6779113-$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/12/29 18:50
S21	190	((Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) (Certifi$7 or Sign$4) ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/12/29 18:53

EAST Search History

| S22 | 0 | ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)).ti. ((Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) (Certifi$7 or Sign$4) ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2006/12/29 19:05 |

S23	26	((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)).ti. and (((Node$3 or Workstat$4 or Terminal$3 or Client$3 or User$2 or host$3 or station$2 or device$3) (Authenticat$5 or Authoriz$6 or Permi$6 or Verif$8 or Certif$8 or Validat$6 or Approv$6 or Confir$7 or Credent$6) (Encrypt$5 or encipher$5 or cipher$5 or scrambl$5 or crypto$6) (decrypt$6 or decipher$5 or descrambl$5 or crypto$6) ((symmetr$3 or privat$3 or shar$3) same (asymmet$4 or public$4) same key$2) (Certifi$7 or Sign$4) ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/12/29 18:54
S24	13	S23 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 19:06
S25	19	(US-20020107798-$ or US-20020095587-$).did. or (US-6810479-$ or US-6792536-$ or US-6438550-$ or US-6385723-$ or US-6367011-$ or US-6230267-$ or US-6038551-$ or US-5721781-$ or US-4650975-$ or US-6792541-$ or US-6009173-$ or US-5544246-$ or US-5539825-$ or US-5201000-$ or US-5164988-$ or US-6779113-$). did. or (US-6779113-$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/12/29 18:59

S26	19	("5036461" | "5468947" | "5473690" | "5544246" | "5577121" | "5590038" | "5635703" | "5644750" | "5689565" | "5721777" | "5742756" | "5745571" | "5748737" | "5778067" | "5844218" | "6012634").PN. OR ("6810479"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 18:59
S27	42	("20010011350" | "5001752" | "5022080" | "5136643" | "5136646" | "5136647" | "5189700" | "5373561" | "5422953" | "5500897" | "5619571" | "5748738" | "5781629" | "5781630" | "5903882" | "5910988" | "5923763" | "5970146" | "6047282" | "6081899" | "6209090" | "6209091" | "6226744" | "6237096" | "6253331" | "6263438" | "6356937" | "6393126" | "6393566" | "6408388" | "6442691" | "6449255" | "6490355" | "6530023" | "6601172" | "RE34954").PN. OR ("6792536"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:00
S28	1	("5901303").PN. OR ("6779113"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:00
S29	17	("4218738" | "5191611" | "6061790" | "6085320" | "6105131" | "6128738").PN. OR ("6438550"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:00

| S30 | 171 | ("4214230" \| "4218582" \| "4259720" \| "4302810" \| "4305059" \| "4321672" \| "4341951" \| "4405829" \| "4408203" \| "4423287" \| "4442345" \| "4453074" \| "4467139" \| "4498000" \| "4536647" \| "4578530" \| "4605820" \| "4629872" \| "4630201" \| "4650978" \| "4669596" \| "4705211" \| "4709136" \| "4709137" \| "4727243" \| "4727244" \| "4731842" \| "4734568" \| "4736094" \| "4742215" \| "4745267" \| "4746788" \| "4748557" \| "4748668" \| "4752677" \| "4757185" \| "4757534" \| "4757543" \| "4759063" \| "4759064" \| "4767920" \| "4778983" \| "4785166" \| "4786790" \| "4797542" \| "4797920" \| "4798941" \| "4802218" \| "4803347" \| "4811393" \| "4816653" \| "4816654" \| "4825052" \| "4827512" \| "4831245" \| "4833595" \| "4839504" \| "4839792" \| "4849614" \| "4853522" \| "4853961" \| "4874935" \| "4877945" \| "4877947" \| "4879747" \| "4882474" \| "4887234" \| "4891503" \| "4891506" \| "4900904" \| "4901276" \| "4906828" \| "4907270" \| "4926480" \| "4935962" \| "4949257" \| "4961142" \| "4969188" \| "4977595" \| "4984270" \| "4985615" \| "4987593" \| "4993068" \| "4995081" \| "4996711" \| "5001753" \| "5003594" \| "5005200" \| "5010239" \| "5012074" \| "5012076" \| "5016274" \| "5038025" \| "5068894" \| "5081678" \| "5093862" \| "5097115" \| "5120939" \| "5128997" \| "5131038" \| "5142578" \| "5146499" \| "5148481" \| "5161231" \| "5162989" \| "5163098" \| "5164988" \| "5165043" \| "5166503" \| "5175416" \| "5180901" \| "5191193" \| "5191608" \| "5200999" \| "5201000" \| "5202922" \| "5214702" \| "5224162" \| "5243175" \| "5247578" \| "5293577" \| "5311595" \| "5371797" \| "5420405" \| "5436970").PN. OR ("5452431" \| "5473690" \| "5485520" \| "5511121" \| "5517011" \| "5530232" \| "5533123" \| "5534857" \| "5539825" \| "5542081" \| "5544246" \| "5546523" \| "5552897" \| "5553139" \| "5557516" \| "5574269" \| "5578808" \| "5581708" \| "5588146" \| "5633932" \| "5682027" \| "5692132" \| "5699528" | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/29 19:01 |

S31	27	("4882474" | "4901276" | "4949257" | "5014312" | "5162989" | "5293577" | "5452431" | "5581708" | "5588146" | "5682027" | "5796831" | "5825875" | "6012636" | "6014748" | "6018717").PN. OR ("6230267").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:01
S32	26	("5283832" | "5420927" | "5475758" | "5532920" | "5588060" | "5604804" | "5606617" | "5751813" | "5812671").PN. OR ("6009173"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:02
S33	107	("4969189" | "5140634" | "5276311" | "5473690" | "5544246").PN. OR ("5721781").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:02
S34	131	("4443027" | "4734568" | "4742215" | "4797542" | "4816653" | "4816654" | "4877947" | "4910773" | "4928001" | "5036461" | "5148479" | "5225664" | "5267315" | "5288978" | "5317637").PN. OR ("5544246").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:02
S35	35	("4799061" | "5012076" | "5120939" | "5175416" | "5224162" | "5379344").PN. OR ("5539825"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:02
S36	89	("3906460" | "3934122" | "3971916" | "4007355" | "4092524" | "4102493" | "4105156" | "4211919" | "4216577" | "4222516" | "4382279" | "4405829" | "4542465" | "4544832").PN. OR ("4650975"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/29 19:03
S37	570	S26 S27 S28 S29 S30 S31 S32 S33 S34 S35 S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/29 19:04

EAST Search History

S38	109	S37 ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)).ti. ((MultiMediaCard$2 or MMC$1) or (flash adj2 memory adj2 card$1) or ((SanDisk$1 or SD) adj2 card$1) or CompactFlash$1 or (removable adj2 memory adj2 unit) or (IC adj2 card$1) or (Smart adj2 card$1) or (IC adj2 Chip) or (smart adj2 card$1) or (chip adj2 card$1) or (Integrated adj2 circuit$1 adj2 card$1) or (ICC) or (Microprocessor adj2 card$1)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/01 12:17
S39	103	S38 @ad<"20020730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/29 19:06
S40	24	(US-20020107798-$ or US-20020095587-$).did. or (US-6810479-$ or US-6792536-$ or US-6438550-$ or US-6385723-$ or US-6367011-$ or US-6230267-$ or US-6038551-$ or US-5721781-$ or US-4650975-$ or US-6792541-$ or US-6009173-$ or US-5544246-$ or US-5539825-$ or US-5201000-$ or US-5164988-$ or US-6779113-$ or US-6018717-$ or US-6003014-$ or US-5798507-$ or US-5577121-$ or US-5379344-$).did. or (US-6779113-$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/12/29 19:30
S41	19	(US-20020107798-$ or US-20020095587-$).did. or (US-6810479-$ or US-6792536-$ or US-6367011-$ or US-5721781-$ or US-4650975-$ or US-6792541-$ or US-6009173-$ or US-5544246-$ or US-5539825-$ or US-5201000-$ or US-5164988-$ or US-6779113-$ or US-6018717-$ or US-5798507-$ or US-5577121-$ or US-5379344-$ or US-6230267-$).did.	US-PGPUB; USPAT	AND	ON	2006/12/29 19:36

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S42	19	(US-20020107798-$ or US-20020095587-$).did. or (US-5577121-$ or US-6018717-$ or US-5379344-$ or US-6779113-$ or US-6810479-$ or US-6792536-$ or US-6230267-$ or US-5721781-$ or US-4650975-$ or US-6792541-$ or US-5798507-$ or US-6367011-$ or US-5544246-$ or US-6009173-$ or US-5539825-$ or US-5201000-$ or US-5164988-$).did.	US-PGPUB; USPAT	AND	ON	2006/12/30 17:46
S43	12	(US-20020095587-$).did. or (US-5577121-$ or US-6018717-$ or US-5379344-$ or US-6779113-$ or US-6810479-$ or US-6230267-$ or US-5721781-$ or US-4650975-$ or US-6367011-$ or US-5544246-$ or US-5539825-$).did.	US-PGPUB; USPAT	AND	ON	2006/12/30 20:10
S44	12	(US-20020095587-$).did. or (US-5577121-$ or US-6018717-$ or US-5379344-$ or US-6779113-$ or US-6810479-$ or US-6230267-$ or US-5721781-$ or US-4650975-$ or US-6367011-$ or US-5544246-$ or US-5539825-$).did.	US-PGPUB; USPAT	AND	ON	2006/12/30 20:11
S45	1	("5901303").PN. OR ("6779113"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/30 20:19
S46	1	10/602696	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/30 20:41
S47	1	S46 valu$5 transf$3 updat$3 command$3 random$3 encrypt$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/30 23:03
S48	13	(US-20020095587-$ or US-20040025021-$).did. or (US-5577121-$ or US-6018717-$ or US-5379344-$ or US-6779113-$ or US-6810479-$ or US-6230267-$ or US-5721781-$ or US-4650975-$ or US-6367011-$ or US-5544246-$ or US-5539825-$).did.	US-PGPUB; USPAT	AND	ON	2006/12/30 21:02

EAST Search History

S49	1	S46 updat$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/30 23:03